

LISTING OF THE CLAIMS

1. (Currently Amended) A computer-implemented method comprising:
synchronizing existing target inventory location information with source inventory location information, wherein
the existing target inventory location information is stored **in a target inventory location record** at a target system,
the source inventory location information is stored at a plurality of source systems,
the plurality of source systems are ones of a plurality of computer systems,
the target system is another of the plurality of computer systems,
~~the synchronizing depends in part on a characteristic of inventory location information,~~
~~the characteristic allows a target inventory location record to be updated by an update, corresponding to a single inventory item, from a plurality of the plurality of source systems,~~ and
the synchronizing comprises
extracting the source inventory location information from a plurality of source inventory location records, wherein
the extracting is performed by an integration server in response to a trigger,
the trigger indicates that the synchronizing should be performed,
the source inventory location information from each of the plurality of source inventory location records is in one of a plurality of source formats, and
each one of the plurality of source formats corresponds to at least one of the plurality of source systems,
generating converted source inventory location information by converting the source inventory location information into an intermediate format,
integrating the converted source inventory location information into integrated source inventory location information, wherein
the integrating comprises

combining

at least one record of the plurality of source inventory location records is from a first source system of the plurality of source systems, **and** at least one other record of the plurality of source inventory location records is from a second source system of the plurality of source systems, converting the integrated source inventory location information into target inventory location information, wherein the target inventory location information is in a target format, and the target format corresponds to the target system, ~~and~~ **updating the target inventory location record with the target inventory location information, wherein the updating is performed by the integration server, the existing target inventory location information comprises the target information location record, the target inventory location record is in the target format, and the target inventory location record corresponds to the each of the plurality of source inventory location records.**

2. (Currently Amended) The method of Claim 1, further comprising: using the target inventory location information in the target format to perform at least one computer-implemented act from a set of computer-implemented acts **comprising:** **creating the target inventory location record in the target system if the target inventory location record does not exist.**
3. (Previously Presented) The method of Claim 1, further comprising: extracting inventory location information in a second source format that is associated with a second source system that is distinct from the first source system, wherein

the second source system is one of the plurality of source systems;
converting the inventory location information in the second source format into
inventory location information that is in the intermediate format;
converting the inventory location information in the intermediate format into
inventory location information in the target format; and
using the inventory location information in the target format to perform at least one
computer-implemented act from a set of computer-implemented acts
comprising:
creating a new inventory location record in the target computerized inventory
management system; and
updating an existing inventory location record in the target computerized
inventory management system.

4. (Currently Amended) The method of Claim 1, wherein
from ~~each of the plurality of source inventory location records~~ the at least one record
from the first source system, the extracting extracts less than all ~~[[the]]~~ first source
system inventory location information, and
from the at least one other record from the second source system, the extracting
extracts less than all second source system inventory location information.

5. (Previously Presented) The method of Claim 1, wherein
the intermediate format comprises a list of inventory locations class with a hierarchy
of data elements,
the hierarchy of data elements comprises a plurality of inventory location elements,
and
each of the plurality of inventory location elements comprises:
an identifier for identifying the inventory location element;
a base data element for defining:
a location description;
a location name; and
a location type code;

- a list of addresses element for defining a plurality of address elements from a party class;
 - a list of related business units elements for defining a plurality of business units associated with the inventory, and wherein each of the plurality of business units associated with the inventory comprises an identifier element;
 - a list of related inventory locations for defining a plurality of related inventory locations; and
 - a custom data element for defining customized attributes for the inventory.
6. (Previously Presented) The method of Claim 5, wherein each of the plurality of address elements comprises:
- an address identifier element;
 - an address base data element, wherein the address data cleansing data element comprises a disable cleansing flag element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.
7. (Previously Presented) The method of Claim 6, wherein the address relationship data element comprises:
- an address effective end date element;
 - an address occupancy type code element;
 - an address effective start date element;
 - an address type code element; and
 - an address list of roles element.
8. (Previously Presented) The method of Claim 5, wherein each of the plurality of related inventory locations comprises a related inventory location identifier element and a related inventory location type code element.

9. (Currently Amended) A non-transitory computer-readable storage medium storing one or more sequences of instructions for managing inventory, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:

synchronizing existing target inventory location information with source inventory location information, wherein

the existing target inventory location information is stored in a target inventory location record at a target system,

the source inventory location information is stored at a plurality of source systems,

the plurality of source systems are ones of a plurality of computer systems,

the target system is another of the plurality of computer systems,

~~the synchronizing depends in part on a characteristic of inventory location information,~~

~~the characteristic allows a target inventory location record to be updated by an update, corresponding to a single inventory item, from a plurality of the plurality of source systems, and~~

the synchronizing comprises

extracting the source inventory location information from a plurality of source inventory location records, wherein

the extracting is performed by an integration server in response to a trigger,

the trigger indicates that the synchronizing should be performed,

the source inventory location information from each of the plurality of source inventory location records is in one of a plurality of source formats, and

each one of the plurality of source formats corresponds to at least one of the plurality of source systems,

generating converted source inventory location information by converting the source inventory location information into an intermediate format,

integrating the converted source inventory location information into integrated source inventory location information, wherein

the integrating comprises

combining

at least one record of the plurality of source inventory location records is from a first source system of the plurality of source systems, and

at least one other record of the plurality of source inventory location records is from a second source system of the plurality of source systems,

converting the integrated source inventory location information into target inventory location information, wherein

the target inventory location information is in a target format, and the target format corresponds to the target system, ~~and~~

~~updating the target inventory location record with the target inventory location information, wherein~~

~~the updating is performed by the integration server,~~

~~the existing target inventory location information comprises~~

~~the target information location record,~~

~~the target inventory location record is in the target format, and~~

~~the target inventory location record corresponds to the each of the plurality of source inventory location records.~~

10. (Currently Amended) The non-transitory computer-readable storage medium of Claim 9, further comprising:

using the target inventory location information in the target format to perform at least one computer-implemented act from a set of computer-implemented acts

comprising:

creating the target inventory location record in the target system if the target inventory location record does not exist.

11. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 9, further comprising:
extracting inventory location information in a second source format that is associated
with a second source system that is distinct from the first source system, wherein
the second source system is one of the plurality of source systems;
converting the inventory location information in the second source format into inventory
location information that is in the intermediate format;
converting the inventory location information in the intermediate format into inventory
location information in the target format; and
using the inventory location information in the target format to perform at least one
computer-implemented act from a set of computer-implemented acts comprising:
creating a new inventory location record in the target computerized inventory
management system; and
updating an existing inventory location record in the target computerized
inventory management system.
12. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 9, wherein the intermediate format comprises a list of inventory locations class
with a hierarchy of data elements.
13. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 12, wherein the hierarchy of data elements comprises a plurality of inventory
location elements comprising additional elements.
14. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises an
identifier for identifying the inventory location element.
15. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises a base
data element for defining:
a location description;
a location name; and

a location type code.

16. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises a list of addresses element for defining a plurality of address elements from a party class.
17. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises a list of related business units elements for defining a plurality of business units associated with the inventory.
18. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises a list of related inventory locations for defining a plurality of related inventory locations.
19. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 13, wherein each of the plurality of inventory location elements comprises a custom data element for defining customized attributes for the inventory.
20. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 16, wherein each of the plurality of address elements comprises:
 - an address identifier element;
 - an address base data element;
 - an address data cleansing data element;
 - an address relationship data element; and
 - an address custom data element.
21. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 20, wherein the address data cleansing data element comprises a disable cleansing flag element.
22. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 20, wherein the address relationship data element comprises:
 - an address effective end date element;
 - an address occupancy type code element;

an address effective start date element;
an address type code element; and
an address list of roles element.

23. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 17, wherein each of the plurality of business units associated with the inventory comprises an identifier element.
24. **(Currently Amended)** The non-transitory computer-readable storage medium of Claim 18, wherein each of the plurality of related inventory locations comprise a related inventory location identifier element and a related inventory location type code element.

25-32. Canceled.

33. **(New)** A computer-implemented method comprising:
synchronizing existing target inventory location information with source inventory location information, wherein
the synchronizing comprises
 extracting each of a plurality of source inventory location information units from
 a corresponding one of a plurality of source inventory location records,
 wherein
 the source inventory location information comprises the source inventory location information units,
 the each of the source inventory location information units is stored in the
 corresponding one of the source inventory location records,
 each source inventory location record of the source inventory location records is stored at a corresponding one of a plurality of source systems,
 each of the source systems employs a corresponding one of a plurality of source formats,
 the each source inventory location record is stored in a source format of
 the source formats employed by the corresponding one of the source systems,

the plurality of source systems are ones of a plurality of computer systems,
the extracting is performed by an integration server in response to a
trigger, and
the trigger indicates that the synchronizing should be performed,
generating a plurality of converted source inventory location information units by
converting the each of the source inventory location information units into
an intermediate format,
integrating the converted source inventory location information units into
integrated source inventory location information, wherein
the integrating comprises combining the converted source inventory
location information units,
converting the integrated source inventory location information into target
inventory location information, wherein
the existing target inventory location information is stored in a target
inventory location record at a target system,
the target system is another of the plurality of computer systems,
the existing target inventory location information is stored in a target
format employed by the target system, and
the target inventory location information is in the target format, and
updating the target inventory location record with the target inventory location
information, wherein
the updating is performed by the integration server,
the target inventory location record is in the target format, combine
the existing target inventory location information comprises an
existing target inventory location information unit stored in
the target information location record, and
the updating comprises
generating updated target inventory location information by
integrating the existing target inventory location
information unit and the target inventory location
information, and

storing the updated target inventory location information in
the target inventory location record.

34. (New) The method of claim 1, wherein
the combining depends on:
inventory location information comprising inventory item characterization,
wherein
a first inventory item has a first inventory item characterization,
the first inventory item characterization is stored in the at least one record
in the first source system,
a second inventory item has a second inventory item characterization, and
the second inventory item characterization is stored in the at least one
other record in the second source system, and
the first inventory item characterization at the first source system is similar to the
second inventory item characterization at the second source system, if the
first inventory item is equivalent to the second inventory item.